

Claims

1. Regulatable continuously variable transmission, specially for motor vehicles, in which an encircling device (3) revolves between two pairs of cone pulleys (1, 2) which are disposed upon one input shaft and one output shaft and of which one is designed as axially fixed cone pulley and the other as axially movable cone pulley, an oil supply being provided via one nozzle for cooling and lubricating the pulleys and the encircling device, characterized in that a multiple-jet nozzle (4) is used in which the flow diameter (9, 10) of said nozzle (4) gradually diminishes in flow direction (13) between at least two discharge openings (7, 8).

2. Transmission according to claim 1, characterized in that the flow diameter (9, 10) changes in a manner such that a stationary flow prevails in said nozzle (4).

3. Transmission according to claim 1, characterized in that the ratio of the oil volume flow for the first pulley pair (1) to the oil volume flow for the second pulley pair (2) is in the range of from 45:55 to 35:65, preferably 40:60.

4. Transmission according to claim 1, characterized in that flow diameter (9, 10) of said nozzle (4) has a different value in each discharge opening (7, 8).

5. Transmission according to claim 1, characterized in that said nozzle (4) has two discharge openings (7, 8).

6. Transmission according to claim 1, characterized in that the outer diameter (11) of said nozzle (4) is constant between said discharge openings (7, 8).